

S/N 09/995,367



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HEI et al.	Examiner:	UNKNOWN
Serial No.:	09/995,367	Group Art Unit:	1754
Filed:	11/27/2001	Docket No.:	163.1585US01
Title:	AROMATIC SUBSTITUTED NONIONIC SURFACTANTS IN SOIL PREVENTION, REDUCTION OR REMOVAL IN TREATMENT ZONES		

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

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Please charge any additional fees or credit any overpayment to Deposit Account No. ~~13-~~
2725.

Respectfully submitted,

16 Jan 2002

Date

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 163.1585US01	Application Number: 09/995,367
		Applicant: HEI et al.	
		Filing Date: 11/27/01	Group Art Unit: 1754

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,374,104	02/15/1983	Primack			
	4,421,664	12/20/1983	Anderson et al.			
	4,443,342	04/17/1984	Stas et al.			
	4,508,537	04/02/1985	Fenton et al.			
	4,595,577	06/17/1986	Stas et al.			
	4,874,540	10/17/1989	Greenwald et al.			
	4,997,450	03/05/1991	Olson et al.			
	5,026,503	06/25/1991	Stewart			
	5,122,538	06/16/1992	Lokkesmoe et al.			
	5,139,788	08/18/1992	Schmidt			
	5,200,189	04/06/1993	Oakes et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 596 493 A1	05/11/1994	Europe			X	
	03190995	08/20/1991	Japan			Abstract	
	4-108513	04/09/1992	Japan			Abstract	
	52127487	10/26/1977	Japan			Abstract	

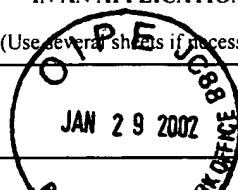
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Aquatoc®/Auinoc® product literature.
		Diversey's ODORtech™ System technical literature.
		"Equipment for Gas-Liquid Operations", Chapter 6, Mass-Transfer Operations, pp. 139-195
		"Develop a Nose for Odor Control", Chemical Engineering, October 1993, pp. 20-23, 27.



EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

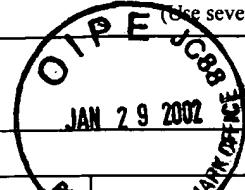
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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,234,719	08/10/1993	Richter et al.			
	5,268,002	12/07/1993	Olson et al.			
	5,314,687	05/24/1994	Oakes et al.			
	5,336,500	08/09/1994	Richter et al.			
	5,370,708	12/06/1994	Olson et al.			
	5,409,713	04/25/1995	Lokkesmoe et al.			
	5,419,908	05/30/1995	Richter et al.			
	5,436,008	07/25/1995	Richter et al.			
	5,437,868	08/01/1995	Oakes et al.			
	5,484,549	01/16/1996	Hei et al.			
	5,489,434	02/06/1996	Oakes et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
	930,584	07/03/1963	United Kingdom			X
	1 370 678	10/16/1974	United Kingdom			X
	2 132 630	11/11/1984	United Kingdom			X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		"Peroxygens in environmental protection", Fraser, Effluent and Water Treatment Journal, June 1986, pp. 186-99.				
		"Removal of NO _x and SO ₂ from Flue Gas by Peracid Solutions", Littlejohn et al., Ind. Eng. Chem. Res., 1990, 29, pp. 1420-1424.				
		"New Treatment Schemes Control Odors", McIlvaine, WATER/Engineering & Management, January 1990, pp. 28-31.				
		"ODORS: The Other Effluent", Pope et al., CIVIL ENGINEERING, August 1989, pp. 42-44.				

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U.S. PATENT DOCUMENTS						
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	5,505,915	04/09/1996	Copeland et al.			
	5,567,444	10/22/1996	Hei et al.			
	5,578,134	11/26/1996	Lentsch et al.			
	5,630,985	05/20/1997	Williams et al.			
	5,674,538	10/07/1997	Lokkesmoe et al.			
	5,733,474	03/31/1998	Kagermeier et al.			
	5,861,096	01/19/1999	Mason et al.			

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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	International Search Report For PCT/US 98/27820, filing date 12/30/1998.
	U.S. Patent No. 6,015,536, issued 01/18/2000 (Lokkesmoe et al.).
	U.S. Patent No. 6,183,708, issued 02/06/2001 (Hei et al.).
	U.S. Serial No. 09/114,017, filed 07/10/1998 (Lokkesmoe et al.), now abandoned.
	U.S. Patent No. 6,277,344, issued 08/21/2001 (Hei et al.).

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